

October 2, 2013

TO: Members of the MAG Bicycle and Pedestrian Committee

FROM: Katherine Coles, Phoenix, Chair of the MAG Bicycle and Pedestrian Committee

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, October 15, 2013 at 1:30 p.m.
MAG Offices, Chaparral Room, Second Floor
302 North First Avenue, Phoenix

A meeting of the MAG Bicycle and Pedestrian Committee will be held at the time and place noted above. If you are attending in person, please park in the garage under the building. Bring your ticket to the meeting as parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the parking garage.

Committee members may attend the meeting either in **person, by video conference or by telephone conference call**. Those attending by videoconference must notify the MAG site three business days before the meeting. Those attending by telephone conference call please contact MAG offices for conference call instructions.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Maureen DeCindis at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

Please be advised that under procedures adopted by the MAG Regional Council on August 21, 2013, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the membership based on the attendance of the three previous Bicycle and Pedestrian Committee meetings. If the Bicycle and Pedestrian Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed that a legal meeting cannot occur and will subsequently be dismissed. Your attendance at the meeting is strongly encouraged. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you. Please contact Maureen DeCindis at (602) 254-6300 or send email to mdecindis@azmag.gov if you have any questions or need additional information.

TENTATIVE AGENDA

1. Call to Order

For the October 2013 meeting, the quorum requirement is 12 committee members.

2. Approval of the September 17, 2013 Meeting Minutes of the Bicycle and Pedestrian Committee

2. For information, discussion and action to approve the meeting minutes of the September 17, 2013 Bicycle and Pedestrian Committee meeting.

3. Call to the Audience

An opportunity will be provided to members of the public to address the committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard. Please fill out blue cards for Call to the Audience and yellow cards for Action Items.

3. For information.

4. Staff and Member Agency Reports

Staff and committee members are invited to provide an update of pedestrian and bicycle-related activity in their agencies.

4. For information and discussion.

5. MAG Off-Street Bicycle Network Wayfinding Guide Consultant Recommendation

5. For information, discussion and possible approval.

MAG received eight consultant proposals in response to the Request for Proposal for the MAG Off-Street Bicycle Network Wayfinding Guide. The Evaluation Panel met on September 19, 2013 and choose three consultants to interview. The Evaluation Panel will recommend a consultant for approval at the meeting.

6. MAG Off-Street Bicycle Network Wayfinding Guide Project Presentation

The proposed consultant team will give a presentation on the proposed MAG Off-Street Bicycle Network Wayfinding Guide project for the committee to consider.

7. Multiple Level Of Service Project (MMLOS)

Some of the greatest transportation needs of the region are those of the non-motorized user and the transit user. The quality of experience of such users, either perceived or actual is not currently being measured in a qualitative way. A Multimodal Level of Service (MMLOS) tool will help member agencies, MAG and Regional Public Transit Authority make informed decisions when investing in capital improvements or service changes. This tool will provide perceived quality of service for transit users, pedestrians and bicyclists. MAG staff is soliciting input on pilot locations, participation, and study outcome.

8. Valley Permaculture Alliance Presentation on the Shade and Tree Program

Valley Permaculture Alliance is a non-profit (501c3 organization), educational organization. Their mission is to inspire sustainable living in the desert southwest. The Valley

6. For information and discussion.

7. For information and discussion.

8. For information and discussion.

Permaculture Alliance will give a presentation on the project they are working on with Salt River Project and Arizona Public Service to provide free trees.

9. Request for Future Agenda Items

Members will have the opportunity to suggest future agenda topics.

10. Next Meetings

All meetings will be on the third Tuesday of the month in the Ironwood Room at 1:30 p.m., except where otherwise noted.

November 19, 2013

December 17, 2013 (possibly noon)

January 21, 2014

February 18, 2014

March 18, 2014

April 15, 2014

May 20, 2014

June 16, 2014

July 15, 2014

August 19, 2014

September 16, 2014

October 21, 2014

November 18, 2014

December 16, 2014 (possibly noon)

Adjournment

9. For information and discussion

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
BICYCLE AND PEDESTRIAN COMMITTEE

Tuesday, September 17, 2013 at 1:30 PM
MAG Office Building, Ironwood Room
302 North First Avenue, Phoenix

MEMBERS ATTENDING

Katherine Coles, Phoenix, Chair of Bicycle and Pedestrian Committee Tracy Stevens, Avondale, Vice-Chair of Bicycle and Pedestrian Committee Michael Sanders, ADOT ^ Raquel Schatz, Apache Junction * Robert Wisener, Buckeye * D.J. Stapley, Carefree * Ian Cordwell, Cave Creek Jason Crampton, Chandler Sue McDermott, El Mirage * Nicole Lance, Gilbert ^ Steve Hancock, Glendale	^ Joe Schmitz, Goodyear * Thomas Chlebanowski, Litchfield Park Denise Lacey, Maricopa County Jim Hash, Mesa Brandon Forrey, Peoria Rich Purcell, Queen Creek Ben Limmer, Valley Metro Susan Conklu, Scottsdale Stephen Chang for Surprise Robert Yabes for Eric Iwersen, Tempe * Robert Carmona, Wickenburg * Grant Anderson, Youngtown
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*Members neither present nor represented by proxy
^Attended via audio-conference

OTHERS PRESENT

Vincent Lopez, Maricopa County Tiffany Halperin, ASLA, Arizona Chapter * Bob Beane, Coalition of Arizona Bicyclists * Kelly LaRosa, FHWA Liason Sherry Ryan, Chen-Ryan & Associates Michael Cynecki, Lee Engineering Annis Jonovich, Valley Metro	Alex Oreschak, MAG Margaret Boone, MAG Jason Harrington, Harrington Radu Nan, Kittleson & Associates Dean Chambers, J2 Engineering Dana Chamberlin, Avondale
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1. Call to Order

Chair Katherine Coles called the meeting to order at 1:32 p.m.

2. Approval of the August 20, 2013 Meeting Minutes of the Bicycle and Pedestrian Committee

Jason Crampton moved to approve the meeting minutes of the Bicycle and Pedestrian Committee for August 20, 2013. Ben Limmer seconded the motion. The motion passed unanimously.

3. Call to the Audience

An opportunity was provided to members of the public to address the MAG Bicycle and Pedestrian Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public were requested not to exceed a three minute time period for their comments. A total of 15 minutes was provided for the Call to the Audience agenda item, unless the Bicycle and the Pedestrian Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items were given an opportunity at the time the item was heard. No one wished to address the Committee.

Vince Lopez distributed a description of the South Central Neighborhoods Transit Health Impact Assessment (SCNTHIA). This is a project that Maricopa County Public Health is conducting in conjunction with Valley Metro. A Health Impact Assessment (HIA) is a data-driven process that evaluation the potential health effects of a transportation plan before it is built. It provides recommendations to increase positive health outcomes and minimize adverse health outcomes. This project will be completed by fall 2014. The HIA will consist of screening, scoping, assessment, recommendations, reporting and monitoring.

4. Staff and Member Agency Reports

Jim Hash reported that Mesa has installed 6 eco-counters in city of Mesa. Two ZeltTubess Eco-counters are on the Consolidated Canal path and are in permanent locations. Four other Eco-counters will be installed for 3 weeks at a time at different locations. Brandon Forrey noted that capital costs are easy to come by but asked about budgeting for the maintenance cost. Jim Hash replied the permanent counters will be maintained through the IT department who installed them. Mesa will work with Eco-counter company if there any issues with the movable counters. Michael Sanders noted that ADOT has their traffic data department maintain their Eco-Counter up in Sedona. He said to be aware that the battery needs to be replace every year.

Katherine Coles said that the Bike Share program will launch in December. Phoenix has installed bike rack connections on parking meters and installed 12 racks at the Crescent Ballroom.

Ben Limmer announced a Idle Free School campaign the week of September 27, 2013. Parents will be asked not to idle around schools in the drop off and pick up zones. Valley Metro also has about 10 partners coordinating an International Walk to School Day in October and November. The dates will be released later.

Maureen DeCindis announced that MAG received eight consultant proposals that will be reviewed by the Evaluation Working Group. At the October meeting, the Evaluation Working Group will bring forth its recommendation to the full committee.

Maureen DeCindis reported that MAG has clarified and updated committee membership rules. Please be advised that under procedures adopted by the MAG Regional Council on August 21, 2013, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the voting membership based on the attendance of the three previous Bicycle and Pedestrian Committee meetings. If the Bicycle and Pedestrian Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed that a legal meeting cannot occur and will subsequently be dismissed. Your attendance at the meeting is strongly encouraged.

5. Phoenix Bicycle Masterplan

Michael Cynecki, with Lee Engineering, presented the city of Phoenix plan to develop a Phoenix Bicycle Masterplan. The Plan will be compatible with the Phoenix Complete Streets Policy. Phoenix will coordinate with adjacent cities in the region and is seeking input from other departments, agencies and the community.

The 20-year Bicycle Masterplan will be for Council adoption and will make Phoenix safer for bicyclists, routes more convenient and more comfortable. The goals for the plan are:

- Prioritize a plan for bicycle improvements
- Provide connectivity throughout Phoenix and with adjacent cities/region
- Improve bicycle safety
- Propose policies for bike facility implementation
 - Street Transportation
 - Planning and Development Services (zoning)
 - Transit
 - Parks
- Compete better for bike funding
- Identify barriers and solutions for bicycling

Task 1: Background and Review Research

- Establish goals and objectives
- Review relevant plans and policies
- Research other bike policies/plans with other cities and nationally
- Identify bike projects in the pipeline
- Synthesize input from past "Bike Summits"

Task 2: Community Outreach

- Conduct four "Master Bike Summit" community meetings
- Develop community outreach strategy
 - Wikimaps (TDG)
- National bike firm input (TDG/Charlier)
- Document public input

Task 3: Inventory Bicycle System

- Review & document existing bike facilities
- Identify obstacles & gaps in system
- Missing links in Phoenix and connections to
- Regional network & links to transit
- Identify where space can be reassigned for bikes
- Assess Phoenix practices & policies with respect to MUTCD, AASHTO, NACTO, etc.
- Evaluate existing ROW (gaps, missing links)
- Identify a range of bike facility design options:
 - Bike Route designation on maps
 - Bike Route designation with signs
 - Sharrows
 - Bike lanes
 - Colored bike lanes
 - Cycle tracks
 - Multi-purpose trails
 - Off-road bike trails
 - Bridges/Tunnels
 - Bike HAWK crossings
 - Other crossing treatments
 - Bike racks

- Bike lockers
- Shower facilities
- Wayfinding signs & kiosks
- Phone apps
- Bicycle detection at signals
- Back-in angle parking
- Bike share stations

Task 4: Determine Needs and Priorities

- Review bicycling element goals & objectives
- Recommend evaluation process for candidate bike projects
- Identify project selection criteria for bicycle network
- Provide bike accommodations where people live
- Bike accommodations to within ¼ or ½ miles
- Serve transit-dependent communities
- Coordinate with Bike Share
- Identify roster of candidate bike projects
- Create description sheets for each project

Task 5: Analysis of System Needs

- Develop capital & operational cost estimates
- Planning level costs
- Assessment of benefits
- Rank candidate projects
- Identify and evaluate traffic impacts
- Evaluate effects of traffic lane reductions or parking removal

Task 6: Develop Bicycle Masterplan

- Identify new “Best Practices“ & innovations
- Develop preliminary Master Plan with 20-year build out
- Disseminate Master Plan for comment
- Prepare Final Master Plan
- Develop maps and diagrams
- Compatible with ARCGIS

Task 7: Prepare An Implementation Plan

- Prepare implementation sequence:
 - 5 year (short-term)
 - 10-year (mid-term)
 - 20-year horizon (long-term)
- Revise existing policies/procedures/plans
- Formulate implementation strategy
- Facilities
- Education and Encouragement
- Monitor, maintain and security

Task 8: Prepare Final Report

- Prepare Draft & Final Report
- Prepare Master Plan presentation materials
- Present Bike Master Plan to Environmental Quality Commission & Council
 - Bicycle Initiatives Subcommittee
 - Council Transportation and Infrastructure Subcommittee

Michael Cynecki asked the committee members to sign onto the Wikimap website. The first thing will be a survey. Feel free to add comments. You can add where you would like a bike lane, you can comment on missing segments or comment on existing routes. There are ways to make notes on high stress routes and the reasons for the high stress such as speed or lack of space. Also consider the barriers to riding such as: physical barriers, policy barriers, legal barriers or other. The survey also asks about suggestions to improve facilities such as guidance, education, encouragement, laws, and enforcement. The Wikimap website will be open till November 9th, 2013. Michael Cynecki said that people can also comment on other people's comments.

Michael Sanders had a bit of an internet connection problem. Michael Cynecki said that he could help when contacted. He also noted that there is no Spanish language version nor does this help with those who don't have access to a computer.

Contact:

Michael Cynecki

602-955-7206

mcynecki@lee-eng.com

6. Bicycle Count Data Collection Plan

Chen Ryan Associates and Eco-Counter presented the draft *Bicycle Count Data Collection Plan*, including information on the siting strategy, locations and durations of counts, schedule, manual counting methods, and details about the automated counting equipment to be used.

Sherry Ryan explained the timeline. The counts should be completed by early November. The analysis of the data will be completed by March of 2014 and the final report in June of 2014.

The count location siting criteria was:

- Presence of existing bicycle facility
- Representative sample of locations in relation to population density, employment density, and median household income
- Equitable distribution of count sites by local jurisdiction based on population
- Review and input from local agency staff

The automated technology includes:

- Zelt TUBES SELECTIVE monitor bicycles on roads in mixed traffic
- Zelt TUBES GREENWAY are mini-tubes designed specifically for dedicated bike paths
- High accuracy (+/- 3%) accuracy even in mixed traffic or with large groups of cyclists present

The automated count phasing offers:

- Cost Savings (rent fewer units, pay less shipping, monthly is cheapest lease)
- Avoid school breaks
- Need for TUBE Selective & TUBE Greenway

Manual Counting will take into consideration:

- Ins/Outs on each leg of intersection and
- Distinguish travel lane/bike lane from sidewalk travel

The manual counting schedule:

- Manual counting will take place in the month of October

- Evening peak period: 4:00pm – 6:00pm, (Tues -Friday)
- Afternoon peak period: 10am – 12noon, (Saturday)

The next steps include installation of the automated equipment and coordination of the manual counting.

Denise Lacey asked about three locations in Maricopa County which are manual counts and are scheduled for the weekday but the users on these routes are weekend users. The 7th Street and Carefree location is okay for a weekday count. Denise Lacey will send an email detailing her request.

Katherine Coles noticed that the counting was beginning on Veterans Day. Sherry Ryan responded that there is set up that day and will only collect a half day of data. Maureen DeCindis noted that data could be interesting as attracting holiday riders.

David Beitel of Eco-Counter in Montreal explained how counting helps:

- Increase understanding
- Improve decision making
- Provide justification for funding decisions

Mobile counters allow you to:

- Conduct before and after studies
- Compare different stretches of cycling infrastructure (spatial analysis)
- Compare cycling volumes along different types of cycling infrastructure (cycletrack vs. on-street bike path)
- Compare cycling volumes during consecutive seasons or years (however, not as effective as a permanent counter)

With communication and reporting, think of indicators that you would like to see and make some simple highlights that media outlets and agencies can use. It is important to share the data.

The counting system main components consist of:

- A sensor that reads the signal and makes a decision on the count
- A logger that stores and transmits the data and provides power to the sensor
- Software analyzes and communicates the data

Pneumatic tubes:

- Two tubes are placed on the road
- The counter measures the speed and distance between the wheels to distinguish bikes on a shared roadway
- These are mobile and temporary and are good for 3 months

EcoLink is the desk software that is used to test the counter after installation, adjust the counter settings, retrieve the data from the counter and upload to the server. EcoVision is the online software is used to manage multiple counting sites; keep track of the counters; view and analyze the data; communicate the data with graphs, charts and tables; synthesize the results into reports and collaborate with multiple partners.

Software has been designed over the years with input from clients. A new piece of software will allow weather information to over lay on the graphs illustrating the days and ridership numbers.

Brandon Forrey asked if the presentation is available. Sherry Ryan said that the presentation can be available.

7. Request for Future Agenda Items

Members will have the opportunity to suggest future agenda topics. No member made a suggestion.

8. Next Meetings

All meetings will be on the third Tuesday of the month in the Ironwood Room at 1:30 p.m., except where otherwise noted.

October 15, 2013

November 19, 2013

December 17, 2013 (possibly noon)